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**MIAMI-DADE COUNTY, FLORIDA  
REQUEST FOR DESIGN-BUILD SERVICES  
MIAMI-DADE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS  
DESIGN-BUILD SERVICES FOR THE BRIDGE REPLACEMENT AT SW 16 STREET WEST OF SW  
99 AVENUE (874235)  
ISD PROJECT NO. DB16-DTPW-07**

The County Mayor, Miami-Dade County, pursuant to Chapter 287.055, Florida Statutes, Sections 2-8.1 and 2-10.4 of the Miami-Dade County Code, Implementing Order 3-34, and Administrative Order 3-39, announces that the Department of Transportation and Public Works will require one (1) qualified Design-Builder to replace the bridge at SW 16 Street west of SW 99 Avenue (No. 874235).

**PARTICIPATION RESTRICTIONS:**

**Gannett Fleming, Inc. is precluded from participating as a prime consultant or subconsultant on this solicitation.**

The work includes, but is not limited to furnishing all professional services, supervision, labor, materials, equipment, tools and performing all operations required to construct the work in accordance with the Contract Documents. The work includes all design and construction services for the complete replacement of the existing bridge at SW 16 Street west of SW 99 Avenue (No. 874235), including roadway approaches, geotechnical, survey, permits, and all other design services in accordance with the latest AASHTO, County, and FDOT design standards, necessary to produce the required construction documents, engineering plans, traffic control and maintenance of traffic plans (including signs, variable message boards, and markings to detour traffic), project permitting, public involvement plan, project coordination, and all the necessary incidentals for the complete replacement of the existing bridge.

Permits that are issued by Miami-Dade County Department of Transportation and Public Works for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, **will be the responsibility of the Contractor.**

County Road Construction Projects – NO PERMITS shall be issued to sub-contractors, except for work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

Surveying and Mapping – The work may include photogrammetric control; the measurement and preparation of plans showing existing improvements after construction; the layout of proposed improvements; the preparation of descriptions for use in legal instruments of conveyance of real property and property rights; the determination of, but not the design of, grades and elevations of roads and land in connection with subdivisions or divisions of land; or the creation and perpetuation of alignments related to maps, field note records, reports, property descriptions, and plans and drawings that represent them. This work class category also includes the provision of topographic, hydrographic and geodetic surveying and mapping services.

Pavement Markings and Signage – The work under pavement markings and signage (Thermoplastic traffic stripes and Markings) consists of placing traffic stripes and markings using a material of the type that is extruded onto the pavement surface in a molten state by mechanical means, with surface

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application of glass spheres. Upon cooling to normal pavement temperature these materials shall produce an adherent reflectorized pavement marking of specified thickness and width and be capable of resisting deformation by traffic.

The duration for the proposed design-build contract is 730 calendar days. The estimated total compensation for the Design-Build Contract is \$2,144,150.31, inclusive of contingencies.

- \$1,771,762.20                      Estimated Construction Cost
- \$258,000.00                      Estimated Design Cost
- \$88,588.11                      Estimated Contingency Fees for Construction (5%)
- \$25,800.00                      Estimated Contingency Fees for Engineering (10%)

The firms providing these services must be certified in the following technical categories and the respective percentages of the disciplines as indicated below:

**A/E TECHNICAL CERTIFICATION REQUIREMENTS**

<b>Technical Category</b>	<b>Engineering Activity Description</b>
<b>3.02</b>	<b>Highway Systems – Highway Design (Lead A/E)</b>
<b>3.03</b>	<b>Highway Systems – Bridge Design (Lead A/E)</b>
3.09	Highway Systems – Signing, Pavement Marking, and Channelization
9.01	Soils, Foundations and Materials Testing – Drilling, Subsurface Investigations and Seismographic Services
9.02	Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services
10.01	Environmental Engineering – Stormwater Drainage Design
15.01	Surveying and Mapping – Land Surveying

**Minimum Experience and Qualifications**

Requirements for the Design-Builder:

A. General:

1. The Design-Builder shall meet the requirements stated below. A Design-Builder is defined as a partnership, corporation, or other legal entity that:
  - a. Is certified under Section 489.119, Florida Statutes, to engage in contracting through a certified or registered general contractor or a certified or registered building contractor as the qualifying agent; or
  - b. Is certified under Section 471.023, Florida Statutes, to practice engineering; certified under Section 481.219 to practice architecture.
2. All interested Design-Builders must comply with the following:

Proposer must be prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-22, Florida

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Administrative Code, to bid and perform the work described in the Contract Documents. Required FDOT prequalification(s) necessary to perform the Work specified in the Contract Documents include the Minor Bridge Work Class. Design-Builders seeking consideration shall submit along with the proposal submittal package for review and consideration, current copies of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand.

3. The Design-Builder, through full time personnel employed by the Design-Builder, must demonstrate a minimum of five (5) years of continual experience from the date of this solicitation as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by including along with the submittal package:

- a. A detailed description of projects, similar to the Project Scope of Work, in which the Design-Builder is currently engaged or has completed within the past ten (10) years from the date of this solicitation.
- b. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County.

Identify for each project a) the client, b) description of work, c) total dollar value of the contract, d) contract duration, e) customer contact person and phone number for reference, f) statement or notation of whether Design-Builder is/was the prime contractor or subcontractor, and g) the results of the project.

**B. Design Team:**

1. Technical Certification category 3.02 & 3.03 is the only Technical Categories that the Lead Designer must hold.
2. Proposers are required to be pre-qualified by Florida Department of Transportation (FDOT) in all work types required for the Project and satisfy all technical qualification requirements of Chapter 14-75 F.A.C.
3. The A/E Design Team, through full time personnel employed by the A/E Design Team, must demonstrate a minimum of five (5) years of continual experience from the date of this solicitation as the prime consultant in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by including along with the submittal package:
  - a. A detailed description of projects, similar to the Project Scope of Work, in which the A/E Design Team is currently engaged or has completed within the past ten (10) years from the date of this solicitation.
  - b. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County.
  - c. Identify for each project a) the client, b) description of work, c) total dollar value of the contract, d) contract duration, e) customer contact person and phone number for

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reference, f) statement or notation of whether the A/E Design Team is/was the prime consultant or subconsultant, and g) the results of the project.

C. Construction Team:

Certificate of Competency Requirement:

1. At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Construction team must hold a valid, current, and active:
  - a. Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include structural engineering contractor. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or
  - b. Pursuant to Section 255.20, F.S. and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this Paragraph shall submit along with the Bid Documents for review and consideration, current copy(ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the Work specified in the Contract Documents include the Minor Bridge Work Class.

**CONTRACT MEASURES**

The Department of Transportation and Public Works is recommending the following contract measures:

SBE-A/E – 7.05% for Surveying and Mapping

SBE-Construction – Trade Set-Aside for Traffic Stripes and Markings: Painted and/or Thermoplastic

SBE-G&S – No Measures

*\*SBD goal is subject to change pending SBD confirmation.*

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